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TITLE: COLD-CURING
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ABSTRACT:

PURPOSE: To obtain a cold-curing compsn. with a low viscosity, a high elongation, and excellent strengths by mixing an org. polymer having a silicon-contg. group with a tin (II) carboxylate and an acidic and/or basic compd.

CONSTITUTION: A cold-curing compsn. is prepd. by mixing 100 pts.wt. org. polymer of the formula (wherein R1 is a residue of an org. polymer having a number-average mol.wt. of 5,000 or higher; R2 is a 1-20C monovalent hydrocarbon group; X is a hydrolyzable group; a is 1-3; and n is an integer) having, on average, at least 0.3 silicon-contg. group per molecule, 0.001-10 pts.wt. tin (II) carboxylate, and 0.001-10 pts.wt. acidic and/or basic compd. R1 in the formula is a residue of a polyoxyalkylene polymer having a ratio of the wt.-average to the number-average mol.wt. of 1.5 or lower and is pref. formed by polymerizing an alkylene oxide using a double metal cyanide complex as the catalyst. Pref. examples of the acidic and/or basic compd. are an org. amine compd. and an arom. sulfonic acid compd.

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